How to write Hello World in Python from the command line on a Mac

Materials Needed: A Macintosh (Mac) Computer, 15-30 minutes

A Hello World program is a simple program that is usually a beginners first program. A Hello World program simply outputs “Hello World”. Python is a good language to learn because it has a very simple syntax allowing you to concentrate on programing concepts rather than syntax if you choose to continue learning Python. Learning Python is a good skill because it will teach you good problem solving skills.

Learning how to program is a skill that is becoming more and more useful. Aside from teaching better problem solving skills and breaking down problems, programming is becoming a basic part of education. In the coming years, programming will become a crucial part of K-12 education, just like Math, English, Social Studies and Science is today. I am currently a sophomore at Drexel majoring in Computer Science, and I have been writing Hello World programs and programming since I was a freshman in high school.

1. Open a new terminal.

2. Navigate to where you want your file to be saved.

Navigating to where the file will be saved
3. To make a Python file named Hello World, type the command `vim helloWorld.py`.

4. The file needs to start with the shebang; this is the Python shebang.

   ```bash
   #!/usr/bin/env python
   ```

5. On the second line, write `print "Hello World"`

6. Now, exit `vim` and run the file by typing `python helloWorld.py` and pressing enter.

   ```bash
   Samanths-MacBook-Pro:COM 310 Sam$ python helloWorld.py
   Hello World
   ```